

Comparisons of Job Characteristics

Focus Occupation: [First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators \(53-1031\)](#)

Associated Occupation: [Supervisors of Construction and Extraction Workers \(47-1011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 29

Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)

Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Building and Construction	4.0	16.9	1.9	<<	Extensive education and/or training may be required
Mechanical	6.8	13.9	6.1	<<	Extensive education and/or training may be required
Administration and Management	8.4	12.8	15.3	>	Current knowledge level is likely sufficient
Mathematics	9.2	12.8	10.8	<	Expanded education and/or training may be required
Design	5.2	10.9	3.0	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	10.6	4.0	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	10.2	12.0	>	Current knowledge level is likely sufficient
Personnel and Human Resources	5.6	8.6	12.1	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)

Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Coordination	9.1	12.2	11.5	0	Current skill level may be sufficient

Management of Personnel Resources	6.9	11.6	13.3	>	Skill level is likely sufficient
Time Management	8.9	11.2	12.5	>	Skill level is likely sufficient
Persuasion	7.4	9.6	10.5	0	Current skill level may be sufficient
Equipment Selection	3.3	6.9	2.7	<<	Extensive development of skills in this area may be required
Management of Material Resources	3.7	5.6	7.7	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 96

Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)

Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Oral Comprehension	12.5	13.4	13.7	0	Current ability level may be sufficient
Oral Expression	12.4	13.3	14.0	0	Current ability level may be sufficient
Problem Sensitivity	11.1	12.1	12.0	0	Current ability level may be sufficient
Deductive Reasoning	10.6	11.2	11.2	0	Current ability level may be sufficient
Near Vision	11.1	11.0	11.1	0	Current ability level may be sufficient
Written Comprehension	11.0	10.7	11.6	0	Current ability level may be sufficient
Written Expression	9.8	10.6	11.6	0	Current ability level may be sufficient
Inductive Reasoning	10.2	10.4	10.6	0	Current ability level may be sufficient
Visualization	7.5	9.8	7.9	<	Some improvement in abilities may be required
Number Facility	6.3	8.2	6.6	<	Some improvement in abilities may be required
Time Sharing	6.6	7.9	7.2	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)

Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Work Activities	Exclusivity of Activity
Assign work to staff or employees	30
Conduct or attend staff meetings	47
Demonstrate or explain assembly or use of equipment	61
Dictate correspondence	85

Direct and coordinate activities of workers or staff	3
Establish employee performance standards	69
Hire, discharge, transfer, or promote workers	47
Maintain file of job openings	82
Maintain inventory of office equipment or furniture	82
Maintain job descriptions	78
Maintain production or work records	19
Monitor worker performance	57
Orient new employees	59
Oversee work progress to verify safety or conformance to standards	49
Plan or organize work	51
Prepare or maintain employee records	69
Prepare reports	8
Read work order, instructions, formulas, or processing charts	9
Recommend improvements to work methods or procedures	64
Recommend personnel actions, such as promotions, transfers, and dismissals	72
Recommend purchase or repair of furnishings or equipment	78
Resolve or assist workers to resolve work problems	72
Resolve personnel problems or grievances	68
Schedule employee work hours	60

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 59

Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)

Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Dispensing tools	6
Holding and clamping tools	3
Industrial trucks	10
Information exchange software	1
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Personal communication devices	2
Power tools	2
Product and material trailers	24
Soldering and brazing and welding machinery and supplies	6
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.